



PETRONAS

TECHNICAL CHARACTERISTICS

PARAFLU UP

PRODUCT CODE: 1681

APPLICATION

Long life engine coolant concentrate, antifreeze and protective fluid. Based on ethylene glycol and organic corrosion inhibitors that provide extended drain.

SPECIFICATIONS

ASTM D 3306 Type 1, CUNA NC 956-16, FIAT 9.55523 CONTRACTUAL TECHNICAL REF.N°F101.M01, IVECO 18-1830-A002 CTR N°I101.M16, Lotus Reference PE-00140, MS-90032

TEST DESCRIPTION

TEST DESCRIPTION	METHOD	UNIT	TYPICAL VALUE
APPEARANCE	--	--	CLEAR
COLOUR	--	--	RED
DENSITY @ 15°C	ASTM D 5931	g/cm ³	1,120 - 1,135
pH (dil. 50%)	ASTM D 1287	--	8
ALCALINITY RESERVE	ASTM D 1121	ml HCl 0,1N	6,7
BOILING POINT	ASTM D 1120	°C	175
BOILING POINT (dil. 50%)	ASTM D 1120	°C	108 *
FREEZING POINT (dil. 50%)	ASTM D 1177	°C	-38
FOAM @ 88°C	ASTM D1881	cc	40
GLASSWARE CORROSION TEST	ASTM D 1384	--	PASS
HARD WATER COMPATIBILITY	FIAT 50537	--	PASS

All technical data is provided for reference only.

NOTES

* At atmospheric pressure

RESEARCH & DEVELOPMENT

01/2017